PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

International application No.	Applicant's or agent's file reference 14375-003WO1	FOR FURTHER ACTION	see Form PCT/ISA/220 as well as, where applicable, item 5 below.						
This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau. This international search report consists of a total of sheets. It is also accompanied by a copy of each prior art document cited in this report. 1. Basis of the Report a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item. The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)). b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I. Certain claims were found unsearchable (See Box No. II) 3. Unity of invention is lacking (See Box No. III) 4. With regard to the title, the text is approved as submitted by the applicant. the text has been established by this Authority to read as follows: 5. With regard to the abstract, the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority. 6. With regard to the drawings, a. the figure of the drawings to be published with the abstract is Figure No as suggested by the applicant. as selected by this Authority, because the applicant failed to suggest a figure.	International application No. PCT/US04/31933								
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	as selected by this Authority, because this figure better characterizes the invention.								
b. none of the figures is to be published with the abstract.	b. none of the figures is to be p	ublished with the abstract.							

Form PCT/ISA/210 (first sheet) (January 2004)

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/31933

Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)				
This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:				
Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:				
2. Claims Nos.: 52 because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically: Claim 52 appears to be incomplete. There are no "freezing protocols" listed.				
3. Claims Nos.: 53-56, 72-99 and 106-126 because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).				
Box No. III Observations where unity of invention is lacking (Continuation of Item 3 of first sheet)				
This International Searching Authority found multiple inventions in this international application, as follows:				
1. As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.				
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.				
3. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:				
4. No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:				
Remark on Protest				
No protest accompanied the payment of additional search fees.				

Form PCT/ISA/210 (continuation of first sheet(2)) (January 2004)

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/31933

A. CLASSIFICATION OF SUBJECT MATTER								
IPC(7) : C12N 5/02, 5/06, A61B 17/42, 17/435, 17/46								
US CL : 435/325, 374; 424/93.1, 93.7; 600/33, 34								
According to International Patent Classification (IPC) or to both national classification and IPC								
B. FIELDS SEARCHED								
Minimum do	cumentation searched (classification system followed b	v classifica	tion symbols)					
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Documentation	on searched other than minimum documentation to the	extent that	such documents are included in	the fields searched				
Electronic do	Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)							
	Plus, USPat, USPGPub, EPO, JPO, Derwent	or data oa	se and, where practicable, search	ternis usea)				
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				<u> </u>				
	JMENTS CONSIDERED TO BE RELEVANT							
Category *	Citation of document, with indication, where a			Relevant to claim No.				
Y	US 2002/0098470 A1 (TONER et al) 25 July 2005 (2	25.07.2005), whole document, especially	1-51, 57-71 and 100-				
	pages 1-3.			105				
Y	EBNER et al, Elective Transfer of Embryos Selected Morphology is Associated with Increased Rates of In			1-51 and 57-71				
	Sterility. October 1999, Vol. 72. No. 4, pages 599-60							
	blefinity. Colleges 1999, Vol. 72. No. 4, pages 399900			. •				
Y	WELLS et al, First Clinical Application of Comparat	ive Genom	ic Hybridization and Polar	1-51, 57-71 and 100-				
-	Body Testing for Preimplantation Genetic Diagnosis			105				
	September 2002, Vol. 78. No. 3, pages 543-549	_						
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Y	GOOK et al. Cryopreservation of mouse and human	oocytes usi	ng 1,2-propanediol and the	17 and 27-31				
	configuration fo the meiotic spindle. Human Reprodu	ection. 199	3, Vol. 8. No. 7, pages 1101-					
	1109.		-					
Α	MARTINI et al, Analysis of unfertilized oocytes subj	ected to in	racidonlasmio sperm	100-105				
Λ.	injection using two rounds of fluorescence in-situ hy			100-103				
	chromosomes, Human Reproduction, 1997, Vol. 12.			ý.				
	document							
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Further	documents are listed in the continuation of Box C.		See patent family annex.					
• S _I	pecial categories of cited documents:	"T"	later document published after the inter	national filing date or priority				
"A" document	defining the general state of the art which is not considered to be of		date and not in conflict with the applica principle or theory underlying the inven					
	relevance	449.000						
"E" earlier apr	plication or patent published on or after the international filing date	"X"	document of particular relevance; the ci considered novel or cannot be considered					
			when the document is taken alone					
	which may throw doubts on priority claim(s) or which is cited to he publication date of another citation or other special reason (as	"Y"	document of particular relevance; the ci	aimed invention cannot be				
specified)			considered to involve an inventive step	when the document is				
"O" document	referring to an oral disclosure, use, exhibition or other means		combined with one or more other such obeing obvious to a person skilled in the					
		# O. P						
	published prior to the international filing date but later than the	"&"	document member of the same patent fa	muy				
	tual completion of the international search	Date of m	ailing of the international search	report				
Dute of the ac	1 1 MAY 2006							
	17 March 2005 (17.03.2005)							
	Name and mailing address of the ISA/US Authorized officer Authorized officer							
	Mail Stop PCT, Attn: ISA/US Commissioner for Patents Michael Wityshyn							
P.O.	P.O. Box 1450							
	Alexandria, Virginia 22313-1450 Telephone No. 571-272-1600							
Facsimile No.	(703) 305-3230							

Form PCT/ISA/210 (second sheet) (January 2004)

INTERNATIONAL SEARCH REPORT

International application No. PCT/US04/31933

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	
A, P	CIOTTI et al, First polar body morphology before ICSI is not related to embryo quality or pregnancy rate, Human Reproduction. 2004, Vol. 19. No. 10, pages 2334-2339, whole document.	1-51, 57-71, and 100- 105	
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